

CLAIMS:

1. A magnetic tape manufactured by feeding a broad magnetic tape including a broad support formed with a magnetic recording layer on one side thereof and a back coat layer on the other surface thereof to a portion between a disk-like upper blade and a disk-like lower blade overlapping each other and rotating in opposite directions to each other and cutting it into magnetic tapes each having a predetermined width, a cut surface of the magnetic tape on the side of the lower blade including 40 % to 65 % of a region formed by cutting the magnetic tape by a breaking force.

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2. A method for manufacturing a magnetic tape comprising steps of feeding a broad magnetic tape including a broad support formed with a magnetic recording layer on one side thereof and a back coat layer on the other surface thereof to a portion between a disk-like upper blade and a disk-like lower blade overlapping each other and rotating in opposite directions and cutting the broad magnetic tape into magnetic tapes each having a predetermined width, which method for manufacturing a magnetic tape further comprises a step of setting a cutting start angle between the disk-like upper blade and the disk-like lower blade overlapping each other and rotating in opposite directions at the time that cutting of the broad magnetic tape fed to a portion between the upper blade and the lower blade by the upper blade and the lower blade is started so that a lower blade side cut surface of the magnetic tape to be formed by cutting the broad magnetic tape by the upper blade and the lower blade includes 40 % to 65 % of a region formed by cutting the magnetic tape by a breaking force, thereby cutting the broad magnetic tape.

3. A method for manufacturing a magnetic tape in accordance with
Claim 2, which comprises a step of setting the cutting start angle between
the disk-like upper blade and the disk-like lower blade overlapping each
other and rotating in opposite directions at the time that cutting of the
5 broad magnetic tape fed to a portion between the upper blade and the
lower blade by the upper blade and the lower blade is started so that the
lower blade side cut surface of the magnetic tape to be formed by cutting
the broad magnetic tape by the upper blade and the lower blade includes
50 % to 60 % of a region formed by cutting the magnetic tape by a
10 breaking force, thereby cutting the broad magnetic tape.

4. A method for manufacturing a magnetic tape in accordance with
Claim 2, which comprises steps of setting the cutting start angle between
the disk-like upper blade and the disk-like lower blade overlapping each
15 other and rotating in opposite directions at the time that cutting of the
broad magnetic tape fed to a portion therebetween is started to be equal
to or less than 12 degrees and cutting the broad magnetic tape.

5. A method for manufacturing a magnetic tape in accordance with
20 Claim 3, which comprises steps of setting the cutting start angle between
the disk-like upper blade and the disk-like lower blade overlapping each
other and rotating in opposite directions at the time that cutting of the
broad magnetic tape fed to a portion therebetween is started to be equal
to or less than 12 degrees and cutting the broad magnetic tape.

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6. A method for manufacturing a magnetic tape in accordance with
Claim 2, which comprises steps of setting the cutting start angle between
the disk-like upper blade and the disk-like lower blade overlapping each

other and rotating in opposite directions at the time that cutting of the broad magnetic tape fed to a portion therebetween is started to be equal to or larger than 9 degrees and less than 12 degrees and cutting the broad magnetic tape.

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7. A method for manufacturing a magnetic tape in accordance with Claim 3, which comprises steps of setting the cutting start angle between the disk-like upper blade and the disk-like lower blade overlapping each other and rotating in opposite directions at the time that cutting of the broad magnetic tape fed to a portion therebetween is started to be equal to or larger than 9 degrees and less than 12 degrees and cutting the broad magnetic tape.

8. A method for manufacturing a magnetic tape in accordance with Claim 2, wherein an upper blade whose surface facing the lower blade is substantially parallel with a surface of the lower blade facing the upper blade is employed as the upper blade.

9. A method for manufacturing a magnetic tape in accordance with Claim 3, wherein an upper blade whose surface facing the lower blade is substantially parallel with a surface of the lower blade facing the upper blade is employed as the upper blade.

10. A method for manufacturing a magnetic tape in accordance with Claim 4, wherein an upper blade whose surface facing the lower blade is substantially parallel with a surface of the lower blade facing the upper blade is employed as the upper blade.

11. A method for manufacturing a magnetic tape in accordance with Claim 5, wherein an upper blade whose surface facing the lower blade is substantially parallel with a surface of the lower blade facing the upper blade is employed as the upper blade.

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12. A method for manufacturing a magnetic tape in accordance with Claim 6, wherein an upper blade whose surface facing the lower blade is substantially parallel with a surface of the lower blade facing the upper blade is employed as the upper blade.

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13. A method for manufacturing a magnetic tape in accordance with Claim 7, wherein an upper blade whose surface facing the lower blade is substantially parallel with a surface of the lower blade facing the upper blade is employed as the upper blade.

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14. A method for manufacturing a magnetic tape in accordance with Claim 2, wherein the magnetic tape is constituted as a computer data back-up tape.

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15. A method for manufacturing a magnetic tape in accordance with Claim 3, wherein the magnetic tape is constituted as a computer data back-up tape.

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16. A method for manufacturing a magnetic tape in accordance with Claim 4, wherein the magnetic tape is constituted as a computer data back-up tape.

17. A method for manufacturing a magnetic tape in accordance with

Claim 5, wherein the magnetic tape is constituted as a computer data back-up tape.

18. A method for manufacturing a magnetic tape in accordance with
5 Claim 6, wherein the magnetic tape is constituted as a computer data
back-up tape.

19. A method for manufacturing a magnetic tape in accordance with
Claim 7, wherein the magnetic tape is constituted as a computer data
10 back-up tape.

20. A method for manufacturing a magnetic tape in accordance with
Claim 8, wherein the magnetic tape is constituted as a computer data
back-up tape.